

# PDR RID Report

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**Document** PDR

<b>RID ID</b> PDR 113
<b>Review</b> FOS
<b>Originator Ref</b> ACK #14
<b>Priority</b> 2

**Section** NA

**Page** NC-17

**Figure Table** NA

**Category Name** Design

**Actionee** HAIS

**Sub Category**

**Subject** Constraint resolution

## **Description of Problem or Suggestion:**

The PDR indicated that if "soft" constraint violations are not approved during daily ATC load generation, "the constraint violations are removed." What does this mean, and how are they removed? Since one doesn't remove constraint violations, but rather removes commands or other conditions causing constraint violations, how does the ground system decide which commands to remove when several commands for multiple systems, including instruments, are mutually causing the violations? If this is done manually by the FOT or by PIs, how do they do it?

## **Originator's Recommendation**

Provide realistic and specific sample scenarios of autonomous detection of constraint violations including autonomous notification to users, and description of how the conditions causing the violations are modified. Include a scenario in which the violation is "approved", and allowed to remain. How are the activities during these scenarios recorded, archived, and reported? Is the SMC involved?

## **GSFC Response by:**

## **GSFC Response Date**

**HAIS Response by:** D. Herring

**HAIS Schedule** 2/3/95

**HAIS R. E.** B. Moore

**HAIS Response Date** 1/20/95

See response for PDR # 112

**Status** Closed

**Date Closed** 2/1/95

**Sponsor** Johns

\*\*\*\*\* Attachment if any \*\*\*\*\*